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ABSTRACT

An ATM switching system allowing simplified cell flow control is disclosed. A high-speed flow of incoming ATM cells is distributed in cell units to predetermined input ports of an ATM switch in an order in which the incoming ATM cells arrived.

- 5 After cell switching of the ATM switch, outgoing ATM cells received in parallel from predetermined output ports of the ATM switch are multiplexed to produce a high-speed flow of outgoing ATM cells.